

### M300 RTK Maintenance Inspection List

Maintenance Date		Maintenance Technician			
		Maintenance Inspection Task	Result	Log	
Aircraft	General Structure	Aircraft Body	<input type="checkbox"/> Airframe Top & lower Shell <input type="checkbox"/> Sensor Lens and Protection net <input type="checkbox"/> Port cover	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
		Aircraft Arm	<input type="checkbox"/> Arm shaft <input type="checkbox"/> Carbon tube / motor base <input type="checkbox"/> Arm Light	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
		Arm Connector	<input type="checkbox"/> Arm connector structure <input type="checkbox"/> External cable	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
		Landing Gear	<input type="checkbox"/> Landing gear Structure/Rubber stopper	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
		Gimbal Vibration Board	<input type="checkbox"/> Rubber Damper <input type="checkbox"/> Anti-Shedding Module <input type="checkbox"/> Vibration Absorbing Board Bracket <input type="checkbox"/> Gimbal connector	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
		Battery compartment	<input type="checkbox"/> Surrounding structure and battery lock <input type="checkbox"/> Battery connect pin	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	Functional Module	Signal Transmission System	<input type="checkbox"/> Re-link aircraft and remote controller <input type="checkbox"/> Clean image feed	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
		Navigation System	<input type="checkbox"/> Compass calibration <input type="checkbox"/> RTK function (If applicable)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
		Visual Sensor system	<input type="checkbox"/> Vision sensor calibration	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
		IMU Module	<input type="checkbox"/> IMU Calibration	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
		Radiating system	<input type="checkbox"/> Fan working noise	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	Propulsion System	Avionic	<input type="checkbox"/> No error detected through app	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
		Propeller	<input type="checkbox"/> Propeller structure <input type="checkbox"/> Propeller mounting screws	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
		ESC	<input type="checkbox"/> Motor speed response	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	Motor		<input type="checkbox"/> Motor structure <input type="checkbox"/> Motor idle status <input type="checkbox"/> Motor Air Filter	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
Gimbal	General Structure	<input type="checkbox"/> Gimbal Structure <input type="checkbox"/> Gimbal connector <input type="checkbox"/> Camera lens & filter <input type="checkbox"/> Gimbal self adjustment	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		
	Gimbal Function	<input type="checkbox"/> Photo/Video Quality <input type="checkbox"/> Camera focus	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		
Battery	General Structure	<input type="checkbox"/> Battery structure <input type="checkbox"/> Battery connector pin <input type="checkbox"/> Battery button and LED	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		
	Battery Function	<input type="checkbox"/> Battery cycle-times <input type="checkbox"/> Battery cell voltage difference <input type="checkbox"/> Battery fully charge and discharge (with flight test)	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		
Remote controller	General Structure	<input type="checkbox"/> Remote controller structure <input type="checkbox"/> Rubber pad condition <input type="checkbox"/> Antenna structure <input type="checkbox"/> USB port	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		
	Controller Stick	<input type="checkbox"/> Joystick calibration	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		
	Functional Module	<input type="checkbox"/> button function <input type="checkbox"/> Dial function	<input type="checkbox"/> Pass <input type="checkbox"/> Fail		